

MATCH LINE A-A

EXISTING SIGNALS

2, 5, 6, 8,
9, 10, 11, 12

R
Y
G

EXISTING SIGNS

13, 15,
18, 22

ONLY

14, 16,
20, 24

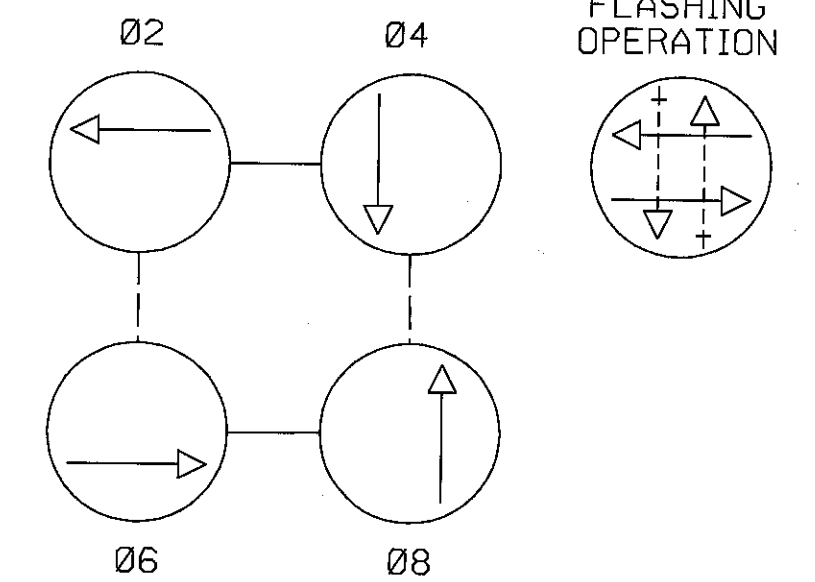
LANE
ENDS
MERGE
LEFT

17, 19

Bay Front Rd W
Bay Front Rd E

21, 23
Bay Front Rd E
Bay Front Rd W

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED SIGNALS

1, 3, 4-7

R
Y
G

12"

PROPOSED SIGNS

25
NORTH
2
36"x75"

26
SOUTH
2
24"x51"

27
SOUTH
2
36"x75"

28
NORTH
2
24"x51"

29
WEST
258
36"x75"

30
EAST
258
24"x51"

31
EAST
258
36"x75"

32
WEST
258
24"x51"

MD 258
(BAY FRONT RD)

MD 258
(BAY FRONT RD)

CONSTRUCTION DETAILS

- INSTALL 3-SECTION SIGNAL HEAD ON EXISTING SPAN WIRE AS SHOWN.
- INSTALL SHIELD ASSEMBLY SIGNS AND 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE TO EXISTING STRAIN POLE AS SHOWN.
- ADJUST AND RE-RING EXISTING SPAN WIRE.
- USE EXISTING SPAN WIRE.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING CABINET AND CONTROLLER. TAG/LABLE NEW FIELD WIRES ACCORDINGLY.
- REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW SIGNAL HEAD IN SAME LOCATION AND USE EXISTING WIRING.
- REMOVE EXISTING GROUND MOUNTED SIGN(S) AND POST(S).

GENERAL NOTES

- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- CONTRACTOR SHALL ADJUST AND RE-RING EXISTING SPAN WIRE AS NECESSARY.
- THE PROPOSED LUMINAIRES SHALL BE POWERED FROM THE UNUSED, FUSED, 20 AMP CIRCUIT BREAKER OF THE EXISTING DISCONNECT SWITCH.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES



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SHA #: AA 326 AS2/B52

TOD #: AT288-41

REVISIONS

NO.	DESCRIPTION	DATE
1	ADD STREET LIGHTING AND NEAR-SIDE APPROACH SIGNAL HEADS	02/23/03
2	SWA	05/1998
3	FULLY ACTUATE INTERSECTION	06/1988
4	REDRAW	06/1988
5	W.M.	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 258 (BAY FRONT ROAD) AND
MD 2 (SOLOMON'S ISLAND ROAD)

DRAWN BY: J. Gordon
CHECKED BY: J. Spence
SCALE: 1" = 20'
DATE: 11-1971

F.A.P. NO.
S.H.A. NO.
COUNTY:
LOG MILE:

AA-884X-575
ANNE ARUNDEL
02000204.75

TS NO.
TS-470 E
T.I.M.S. NO.
G062

SHEET NO.
1 OF 2